

What is claimed is:

1. A kit, comprising:  
a fluorescently labeled phosphorylatable compound; and  
a polymer having multivalent metal cations associated therewith.
2. The kit of claim 1, wherein the multivalent metal cations comprise trivalent metal cations.
3. The kit of claim 1, wherein the multivalent metal cations are selected from a group consisting of  $\text{Fe}^{3+}$ ,  $\text{Ca}^{2+}$ ,  $\text{Ni}^{2+}$  and  $\text{Zn}^{2+}$ .
4. The kit of claim 1, wherein the phosphorylatable compound is selected from a group consisting of a serine, threonine or tyrosine substrate.
5. The kit of claim 1, wherein the multivalent metal cations are chelated to the polymer.
6. The kit of claim 1, wherein the polymer is between 5 kD and 1000 kD.
7. The kit of claim 1, further comprising a kinase enzyme.
8. The kit of claim 1, further comprising ATP.
9. The kit of claim 1, further comprising a buffer solution.
10. The kit of claim 1, wherein the multivalent metal cations comprise  $\text{Fe}^{3+}$ .
11. The kit of claim 1, further comprising a multiwell plate.
12. A kit, comprising:

a fluorescently labeled phosphorylatable compound; and  
a binding component having multivalent metal cations associated therewith.

13. The kit of claim 12, wherein the multivalent metal cations comprise trivalent metal cations.

14. The kit of claim 12, wherein the multivalent metal cations are selected from a group consisting of  $\text{Fe}^{3+}$ ,  $\text{Ca}^{2+}$ ,  $\text{Ni}^{2+}$  and  $\text{Zn}^{2+}$ .

15. The kit of claim 12, wherein the phosphorylatable compound is selected from a group consisting of a serine, threonine or tyrosine substrate.

16. The kit of claim 12, wherein the binding component comprises a polymer.

17. The kit of claim 16, wherein the multivalent metal cations are chelated to the polymer.

18. The kit of claim 12, wherein the polymer is between 5 kD and 1000 kD.

19. The kit of claim 12, further comprising a kinase enzyme.

20. The kit of claim 12, further comprising ATP.

21. The kit of claim 12, further comprising a buffer solution.

22. The kit of claim 12, further comprising a multiwell plate.